

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---------------------------|------------------|---------|---------------------|
| L2 | 4650 | "shock absorber" same transverse | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:29 |
| L3 | 945 | L2 same resilient | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:29 |
| L4 | 24 | "shock absorber" same (transverse near angle) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:30 |
| L5 | 24 | "shock absorber" same (shaft near angle) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:32 |
| L6 | 1 | "shock absorber" same (shaft near "nonlinear") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:34 |
| L7 | 91 | "shock absorber" same "nonlinear" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:34 |
| L8 | 3 | "shock absorber" adj "nonlinear" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:41 |
| L9 | 7 | "shock absorber" same (force near angle) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:42 |
| L10 | 24 | "shock absorber" same (angle near shaft) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:44 |
| L11 | 0 | "shock absorber" same (robot near limb) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:47 |
| L12 | 0 | "shock absorber" same (robot same limb) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:47 |
| L13 | 2 | "shock absorber" same (robot same elbow) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:47 |
| L14 | 11420 | "shock absorber" same arm | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:48 |
| L15 | 108 | L14 and (robot or bionic or biotic) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:48 |
| L16 | 24 | ("0629392" I "1664150" I "2055396" I "5182967").PN. OR ("5535709").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:51 |
| L17 | 19 | ("1271568" I "2106068" I "2491548" I "3613465" I "4475374" I "4702428").PN. OR ("5182967").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 12:53 |
| L18 | 1 | rotation same linear same conversion same "shock absorber" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 13:06 |
| L19 | 35 | rotation same conversion same "shock absorber" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/01/07 13:06 |
| L20 | 7 | ("3170412").URPN. | USPAT | OR | ON | 2010/01/07 13:08 |
| S1 | 2317 | (606/61).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/06/29 08:50 |

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|-----|-------|--|------------------------|----|-----|------------------|
| S2 | 10 | ("5375823" "5529420").PN. OR ("6241730").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 10:17 |
| S3 | 52 | ("1780724" "2287608" "2987291" "3369802" "3371442" "3710458" "3752462" "3901495" "3904226" "3993295" "4200268" "4445674" "4591030").PN. OR ("5375823").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 10:55 |
| S4 | 24455 | "shock absorber" | EPO; DERWENT | OR | ON | 2006/06/29 11:16 |
| S5 | 25 | S4 same "spine" | EPO; DERWENT | OR | ON | 2006/06/29 10:57 |
| S6 | 9 | S4 same "vertebrae" | EPO; DERWENT | OR | ON | 2006/06/29 10:59 |
| S7 | 53807 | damper | EPO; DERWENT | OR | ON | 2006/06/29 10:59 |
| S8 | 9 | S7 same "vertebrae" | EPO; DERWENT | OR | ON | 2006/06/29 11:00 |
| S9 | 39917 | "shock absorber" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 12:50 |
| S10 | 132 | S9 same "vertebrae" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:20 |
| S11 | 193 | S9 same "spine" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:23 |
| S12 | 35 | S9 same "asymmetrical" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:24 |
| S13 | 139 | S9 same "non-linear" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:34 |
| S14 | 1355 | S9 same "offset" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:31 |
| S15 | 72 | S14 same "plunger" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:32 |
| S16 | 75963 | damper | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:34 |
| S17 | 58 | S16 same "spine" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/29 11:34 |
| S18 | 2 | ((("5672175") or ("6241730"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/06/29 12:50 |
| S19 | 3214 | (606/61).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/04/14 10:45 |
| S20 | 34 | S19 and damper | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/14 10:48 |
| S21 | 66 | ("1780724" "2287608" "2987291" "3369802" "3371442" "3710458" "3752462" "3901495" "3904226" "3993295" "4200268" "4445674" "4591030").PN. OR ("5375823").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/14 10:49 |
| S22 | 62 | (267/141.7).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/04/14 11:09 |
| S23 | 118 | (267/140.5).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/04/14 11:11 |

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|-----|-----|--|---------------------------|----|-----|---------------------|
| S24 | 398 | (267/140.11).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/04/14 11:13 |
| S25 | 11 | S24 and eccentric | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/14 11:13 |
| S26 | 192 | (606/256,257).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 09:37 |
| S27 | 13 | ("3559976" "3862751" "3977397" "4516955" "5306310" "5423816" "5540688" "5639278" "5672175" "5733284" "5895032" "6136031" "6402750").PN. OR ("7329258").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 09:39 |
| S28 | 624 | (267/293-294).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 09:43 |
| S29 | 119 | (267/140.5).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 09:56 |
| S30 | 574 | (267/141.2-141.7).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 09:58 |
| S31 | 302 | (267/141.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 10:08 |
| S32 | 30 | (606/260).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 10:15 |
| S33 | 299 | (606/246).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 10:16 |
| S34 | 21 | ("5375823" "5529420").PN. OR ("6241730").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 10:19 |
| S35 | 69 | ("1780724" "2287608" "2987291" "3369802" "3371442" "3710458" "3752462" "3901495" "3904226" "3993295" "4200268" "4445674" "4591030").PN. OR ("5375823").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/05 10:20 |
| S36 | 57 | (248/616).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 10:34 |
| S37 | 282 | (248/635).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 10:40 |
| S38 | 380 | (248/636).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 10:43 |
| S39 | 107 | (248/605).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/05 10:58 |
| S40 | 949 | A61B017/70.ipc. | EPO; JPO; DERWENT | OR | ON | 2008/09/05 11:00 |
| S41 | 11 | S40 and absorb\$3 | EPO; JPO; DERWENT | OR | ON | 2008/09/05 11:02 |
| S42 | 10 | S40 and shock | EPO; JPO; DERWENT | OR | ON | 2008/09/05 11:04 |
| S43 | 168 | (188/312).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/08 11:56 |
| S44 | 626 | (188/322.16,322.17,322.19).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/08 11:57 |
| S45 | 1 | ("6279932").PN. | US-PGPUB; USPAT | OR | OFF | 2008/09/08 11:58 |

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|-----|-------|---|---------------------------|----|-----|---------------------|
| S46 | 1 | ("5454455").PN. | US-PGPUB; USPAT | OR | OFF | 2008/09/08 11:58 |
| S47 | 88 | (188/303).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/08 12:08 |
| S48 | 737 | (188/317).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/08 12:10 |
| S49 | 18 | ("3316558").URPN. | USPAT | OR | ON | 2008/09/08 12:21 |
| S50 | 18 | ("1589670" "2568052" "2671224" "3316558" "3631542" "3799159" "4508111" "4958705").PN. OR ("5103811").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:22 |
| S51 | 42 | ("2661000" "3548817").PN. OR ("4508111").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:24 |
| S52 | 48 | ("2532955" "2832334" "3707963" "4233967" "4320747" "4340041" "4353361" "4397308" "4508111" "4531515" "4605227" "4614181" "4620532" "4655201" "4657000" "4666158" "4688130" "4718665" "4738252" "4791916" "4809688" "4881533").PN. OR ("5002044").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:26 |
| S53 | 393 | (188/288-289).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/09/08 12:34 |
| S54 | 1557 | "non-linear" same (shock or absorber or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:43 |
| S55 | 13303 | "angular" same (shock or absorber or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:49 |
| S56 | 9886 | "offset" same (shock or absorber or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:49 |
| S57 | 1814 | "offset" same ("shock absorber" or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:49 |
| S58 | 2655 | "angular" same ("shock absorber" or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:50 |
| S59 | 24 | ("2980441" "3010715" "4325541" "4550961" "4635745" "5129634" "5192100" "5454455").PN. OR ("5667203").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:53 |
| S60 | 32 | S58 and oblong | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 12:58 |
| S61 | 22 | S57 and oblong | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 13:00 |
| S62 | 25 | ("5375823" "5529420").PN. OR ("6241730").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/30 10:23 |
| S63 | 80 | ("1780724" "2287608" "2987291" "3369802" "3371442" "3710458" "3752462" "3901495" "3904226" "3993295" "4200268" "4445674" "4591030").PN. OR ("5375823").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/30 10:24 |
| S64 | 5 | (shock adj absorb) same oblong | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/30 10:44 |

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|-----|------|---|---------------------------|----|-----|---------------------|
| S67 | 14 | (shock adj absorb) and oblong | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/30 10:45 |
| S68 | 77 | ("0301522" I "0302503" I "0326224" I "0852570" I "0938168" I "1603588" I "4351538" I "4382605" I "4402521" I "4915399" I "5257793").PN. OR ("5503413").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/30 10:49 |
| S69 | 2 | ((("5375823") or ("4445674"))).PN. | US-PGPUB; USPAT | OR | OFF | 2009/05/13 12:40 |
| S70 | 589 | fortin.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 13:27 |
| S71 | 5 | fortin-frederic.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 13:27 |
| S72 | 8556 | angle with (shock or absorber or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 13:33 |
| S73 | 501 | S72 and (oblong or eccentric) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 13:33 |
| S74 | 1 | ("RE40649").PN. | US-PGPUB; USPAT | OR | OFF | 2009/05/13 13:44 |
| S75 | 18 | ("3176972" I "3207270" I "3750856" I "3840097" I "4026533" I "4056040" I "4059175" I "4151784" I "4702355" I "4819770" I "5050712" I "5305860" I "5464079" I "5948021" I "5988330" I "6112868").PN. OR ("RE40649"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 13:44 |
| S77 | 215 | eccentric with absorber | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 13:59 |
| S78 | 0 | ("2178332").URPN. | USPAT | OR | ON | 2009/05/13 14:02 |
| S79 | 5 | ("2379388").URPN. | USPAT | OR | ON | 2009/05/13 14:03 |
| S80 | 1 | ("3038545").URPN. | USPAT | OR | ON | 2009/05/13 14:07 |
| S81 | 12 | ("1813666" I "1970369" I "2027423" I "3361231").PN. OR ("3698521").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 14:11 |
| S82 | 5 | ("5592999").URPN. | USPAT | OR | ON | 2009/05/13 14:18 |
| S86 | 2968 | angular with (shock or absorber or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 14:37 |
| S87 | 102 | angular near (shock or absorber or dashpot) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 14:37 |
| S88 | 22 | ("4044865" I "4056040" I "4212087" I "4595179" I "5376135" I "5405409" I "5443521").PN. OR ("5948021").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 14:58 |
| S89 | 77 | ("0301522" I "0302503" I "0326224" I "0852570" I "0938168" I "1603588" I "4351538" I "4382605" I "4402521" I "4915399" I "5257793").PN. OR ("5503413").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 15:10 |

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|------|----|--|---------------------------|----|-----|---------------------|
| S90 | 24 | ("2980441" I "3010715" I "4325541" I "4555096" I "4635745" I "5129634" I "5192100" I "5454455").PN. OR ("5667203").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 15:22 |
| S91 | 48 | ("2532955" I "2832334" I "3707963" I "4233967" I "4320747" I "4340041" I "4353361" I "4397308" I "4508111" I "4531515" I "4605227" I "4614181" I "4620532" I "4655201" I "4657000" I "4666158" I "4688130" I "4718665" I "4738252" I "4791916" I "4809688" I "4881533").PN. OR ("5002044").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 15:25 |
| S92 | 5 | ("4854562").URPN. | USPAT | OR | ON | 2009/05/13 15:32 |
| S93 | 7 | (eccentric adj center) with (absorber or dashpot or damper) | USPAT | OR | ON | 2009/05/13 15:38 |
| S94 | 7 | (piston adj parallel) with (absorber or damper or dashpot) | USPAT | OR | ON | 2009/05/13 15:39 |
| S95 | 1 | (piston adj eccentric) with (absorber or damper or dashpot) | USPAT | OR | ON | 2009/05/13 15:40 |
| S96 | 45 | nonlinear adj (absorber or damper or dashpot) | USPAT | OR | ON | 2009/05/13 15:41 |
| S97 | 0 | (eccentric adj opening) with (absorber or damper or dashpot) | USPAT | OR | ON | 2009/05/13 15:43 |
| S98 | 0 | (eccentric near opening) with (absorber or damper or dashpot) | USPAT | OR | ON | 2009/05/13 15:43 |
| S99 | 2 | (eccentric near opening) same (absorber or damper or dashpot) | USPAT | OR | ON | 2009/05/13 15:43 |
| S100 | 21 | (eccentric near opening) and (absorber or damper or dashpot) | USPAT | OR | ON | 2009/05/13 15:44 |
| S101 | 14 | ("3573880" I "4341396" I "4377298" I "4903985" I "5048859").PN. OR ("6199882").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 15:51 |
| S102 | 1 | ("4911416").PN. | US-PGPUB; USPAT | OR | OFF | 2009/05/13 16:02 |
| S103 | 2 | ((("5503413") or ("6382602"))).PN. | US-PGPUB; USPAT | OR | OFF | 2009/05/16 13:42 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------|------------------|---------|------------------|
| L21 | 87 | (606/246).CCLS. | UPAD | OR | OFF | 2010/01/07 13:19 |
| L22 | 0 | L21 and (body and rod and damp\$6 and incline).clm. | USPAT; UPAD | OR | ON | 2010/01/07 13:20 |
| L23 | 2 | L21 and (body and rod and damp\$6).clm. | USPAT; UPAD | OR | ON | 2010/01/07 13:20 |

1/7/2010 1:43:33 PM

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